

**NOVEL COMPOSITIONS AND METHODS OF SCREENING FOR
B CELL ACTIVITY MODULATORS**

ABSTRACT OF THE DISCLOSURE

5 The invention provides for the identification of all genes, whether known or
novel, which are differentially expressed within and among B cells, making possible the
characterization of their temporal regulation and function in the B cell response and/or in B
cell mediated disorders. Expression profiles, nucleic acids and proteins are provided for
differing states of B cells, including resting, naïve, activated, tolerant and immunosuppressed
10 B cells. The present invention makes possible the identification and characterization of
targets useful in prognosis, diagnosis, monitoring, rational drug design, and/or therapeutic
intervention of immune system disorders.

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